

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	71	("4529474" "4872947" "4885047" "5158644" "5207836" "5281302" "5288662" "5356478" "5417826" "5434109" "5536330").PN. OR ("5843239").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 18:40
L6	23	((two OR "2") adj3 step WITH clean\$4) SAME (oxygen OR oxidant OR oxidiz\$4) SAME hydrogen SAME (rare OR inert OR noble)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 18:45
L7	29	("5158644" "5207836" "5356478" "5362526" "5405444" "5534309" "5647953" "5756400" "5812403" "5843239").PN. OR ("6003526").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 18:51
L8	8	((two OR "2") adj3 step WITH clean\$4 WITH (oxidant OR oxygen OR oxidi\$4)) AND in?situ WITH clean\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 18:58
L9	38	((two OR "2") adj3 step WITH clean\$4 SAME (oxidant OR oxygen OR oxidi\$4)) AND in?situ WITH clean\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 19:00
L10	30	9 not 8	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 19:00
L11	1	("6767836").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/01/30 19:04

L12	28	("20010008138" "20020011210" "20020134405" "20030010355" "20040025903" "20050176221" "20050181240" "20050221020" "20050230350" "20060084280" "20070218705" "20070248767" "4816113" "5470661" "6187691" "6271148" "6329297" "6347626" "6347636" "6352945" "6374831" "6383955" "6387207" "6428894" "6767836" "6841341" "6926014" "7223526"). PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 19:07
L13	53	("4138306" "4529474" "4576698" "4620898").PN. OR ("4816113").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 19:10
L14	15	("4786352" "4797178" "4816113").PN. OR ("5176791").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 19:15
L15	13	("5176791" "5198263" "5211825" "5417826" "5425842" "5674638" "5814155" "5855725" "5858819" "5911835" "5935340" "6010967").PN. OR ("6443165").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 19:22
L16	67	("4341592" "4721664" "4820377" "4854263" "4859304" "4872947" "4885047" "4892753" "4960488" "5044314" "5158644" "5215592" "5261966" "5281302" "5356478").PN. OR ("5417826").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 19:26

L17	31	((two OR "2" OR multiple) adj5 (step OR stage) WITH clean\$4) SAME (oxygen OR oxidant OR oxidiz\$4) AND ((fluorocarbon OR fluoro?carbon OR (fluorine near4 carbon) OR carbon OR carbonaceous) adj5 film)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 21:08
L18	86	("4282267" "4433228" "4465532" "4490209" "4502914" "4576692" "4705595" "4738748" "4779991" "4786352" "4818326" "4831963" "4863561" "4867841" "4876212" "4975144" "4992134" "4992136" "4994410" "5002632" "5013398" "5035768" "5084126" "5094712" "5110408" "5110411" "5118387" "5158644" "5160407" "5164330" "5176792" "5180464" "5188980" "5192702" "5256245" "5259923" "5281302" "5282899" "5312519" "5318668" "5338398" "5354417" "5356478" "5358601" "5378311" "5382316" "5384009" "5413954" "5431772" "5443686" "5449411" "5514622" "5521119" "5529197" "5605601" "5620615" "5626775" "5644153" "5651856" "5700741" "5716495" "5741396" "5753533" "5756400" "5767021" "5788799" "5817534" "5843239" "5861233" "5865896" "5866483" "5869401" "5874363" "5879575" "5891799" "6090718" "6125859" "6159811").PN. OR ("6872322").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 21:08

L19	159	("2344138" "20010042827" "20020047543" "20030013260" "20030013314" "20030085205" "20030186524" "20030196996" "20040104481" "20040200417" "20040229050" "20040253839" "20050074956" "20050167395" "20060019039" "20060019477" "20060234458" "3109100" "3576685" "3907616" "4116791" "4382099" "4385946" "4434036" "4465529" "4481229" "4500563" "4521441" "4539217" "4565588" "4584026" "4698104" "4764394" "4778561" "4867859" "4871421" "4892753" "4912065" "4937205" "4948458" "5040046" "5061838" "5074456" "5106827" "5107201" "5270250" "5277751" "5288650" "5290382" "5290731" "5312778" "5354381" "5423945" "5435881" "5505780" "5510011" "5514603" "5520209" "5542559" "5561072" "5569363" "5572038" "5587038" "5627435" "5643838" "5646050" "5648701" "5653811" "5654043" "5660895" "5665640" "5674321" "5683517" "5711812" "5718798" "5723367" "5770982" "5888413" "5897752" "5911832" "5935077" "5944236" "5944942" "5948168" "5985742" "5994207" "5994236" "5998933" "6000360"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 21:19
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		"6013567" "6020592" "6041735" "6050218" "6076483" "6096661" "6101971" "6103599" "6103624" "6132552" "6139697" "6150628" "6153524" "6155090" "6164241" "6165376" "6174450" "6174743" "6182604" "6187110" "6207005" "6237527" "6239553" "6248642" "6265328" "6291313" "6291939" "6300643" "6303519" "6305316" "6335536" "6339297" "6341574" "6348126" "6350697" "6392351" "6395150" "6403453" "6410449" "6413321" "6417078" "6418874" "6426015" "6433553" "6453842" "6461972" "6468388" "6475888" "6494986" "6511899" "6513538" "6514838" "6528391" "6551446" "6559408" "6579805" "6582999" "6593173" "6664187" "6679981" "6800559" "6811448" "6838695" "6841341" "7097779" "7109087" "7115993").PN.				
L20	156	((two OR "2" OR multiple) adj5 (step OR stage) WITH clean\$4) AND ((fluorocarbon OR fluoro?carbon OR (fluorine near4 carbon) OR carbon OR carbonaceous) adj5 film)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 21:20
L21	86	((two OR multiple) adj5 (step OR stage) WITH clean\$4) AND ((fluorocarbon OR fluoro? carbon OR (fluorine near4 carbon) OR carbon OR carbonaceous) adj5 film)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 21:23

L22	2	((two OR multiple) adj5 (step OR stage) WITH clean\$4) AND 427/249.1. ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 21:31
L23	14	((two OR multiple) adj5 (step OR stage) WITH ashing) AND ((fluorocarbon OR fluoro? carbon OR (fluorine near4 carbon) OR carbon OR carbonaceous) adj5 film)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 21:35
L24	6	("20020117472" "5728629" "5756400" "5843239" "5849092"). PN. OR ("6899767"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 21:38
L25	547	427/249.1.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 21:40
L26	51	25 and (clean\$4 WITH (chamber OR reactor OR housing OR compartment))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 21:40
L27	16	("20020086547" "20040023502" "20040038537" "20040166691" "20040180551" "5022959" "5674573" "5998100" "6214637" "6331380" "6352922" "6355560" "6521302" "6541397" "6573030" "6653735").PN. OR ("7094442").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 21:45
L28	178	((two OR multiple) adj5 (step OR stage) WITH (ash\$4 OR clean\$4)) SAME efficien\$4 AND ((fluorocarbon OR fluoro? carbon OR (fluorine near4 carbon) OR carbon OR carbonaceous))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 21:48

L29	22	((two OR multiple) adj5 (step OR stage) WITH (ash\$4 OR clean\$4)) SAME efficien\$4 AND ((fluorocarbon OR fluoro? carbon OR (fluorine near4 carbon) OR carbon OR carbonaceous)) near5 (layer OR film OR coat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 21:49
L30	351	((two OR multiple) adj5 (step OR stage) WITH (ash\$4 OR clean\$4)) AND ((fluorocarbon OR fluoro?carbon OR (fluorine near4 carbon) OR carbon OR carbonaceous)) near5 (layer OR film OR coat \$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 21:50
L31	245	((two OR multiple) adj5 (step OR stage) WITH (ash\$4 OR clean\$4)) AND ((fluorocarbon OR fluoro?carbon OR (fluorine near4 carbon) OR carbon OR carbonaceous)) adj5 (layer OR film OR coat \$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 21:51
L32	245	((two OR multiple) adj5 (step OR stage) WITH (ash\$4 OR clean\$4)) AND (((fluorocarbon OR fluoro?carbon OR (fluorine near4 carbon) OR carbon OR carbonaceous)) adj5 (layer OR film OR coat \$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 21:57
L33	33	((two OR multiple) adj5 (phase) WITH (ash\$4 OR clean\$4)) AND (((fluorocarbon OR fluoro?carbon OR (fluorine near4 carbon) OR carbon OR carbonaceous)) adj5 (layer OR film OR coat \$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 22:04

L34	1	("20040025903").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/01/30 22:05
L35	1	("6843858").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/01/30 22:06
L38	71	("4529474" "4872947" "4885047" "5158644" "5207836" "5281302" "5288662" "5356478" "5417826" "5434109" "5536330").PN. OR ("5843239").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 22:15
L39	122	("4138306" "4529474" "4534816" "4576698" "4657616" "4960488").PN. OR ("5158644").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 23:19
L40	40	("4529474" "4797178" "5158644" "5221414" "5354715" "5362526" "5423945" "5454903" "5474615").PN. OR ("5824375").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 23:27
L41	1	("20060281323").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/01/30 23:32
L42	135	(clean\$4 OR remov\$4) WITH ((fluorocarbon OR fluoro?carbon OR (fluorine near4 carbon) OR carbon OR carbonaceous) adj5 film) AND hydrogen near2 radical	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 23:35
L44	13	(clean\$4) WITH (oxygen OR oxidant OR oxid\$4 OR "O.sub.2") WITH (hydrogen OR "h.sub.2") SAME ((fluorocarbon OR fluoro?carbon OR (fluorine near4 carbon) OR carbon OR carbonaceous) adj5 film) AND hydrogen near2 radical	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 23:39

L45	42	(clean\$4) WITH (oxygen OR oxidant OR oxid\$4 OR "O.sub.2") WITH (hydrogen OR "h.sub.2") SAME ((fluorocarbon OR fluoro?carbon OR (fluorine near4 carbon) OR carbon OR carbonaceous) adj5 film)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 23:39
L46	92	(clean\$4) WITH (oxygen OR oxidant OR oxid\$4 OR "O.sub.2") WITH (hydrogen OR "h.sub.2") SAME ((fluorocarbon OR fluoro?carbon OR (fluorine near4 carbon) OR carbon OR carbonaceous) adj5 (film OR layer OR coat\$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 23:39
L47	75	(clean\$4) WITH (oxygen OR oxidant OR oxid\$4 OR "O.sub.2") SAME ((hydrogen OR "h.sub.2") WITH radical) AND ((fluorocarbon OR fluoro?carbon OR (fluorine near4 carbon) OR carbon OR carbonaceous) adj5 (film OR layer OR coat\$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 23:47
L48	135	clean\$4 SAME (oxygen OR oxidant OR oxid\$4 OR "O.sub.2") SAME ((hydrogen OR "h.sub.2") WITH radical) AND ((fluorocarbon OR fluoro?carbon OR (fluorine near4 carbon) OR carbon OR carbonaceous) adj5 (film OR layer OR coat\$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 23:51

L49	114	clean\$4 SAME (oxygen OR oxidant OR oxidiz\$4 OR "O.sub.2") WITH radical SAME ((hydrogen OR "h.sub.2") WITH radical) AND ((fluorocarbon OR fluoro? carbon OR (fluorine near4 carbon) OR carbon OR carbonaceous) adj5 (film OR layer OR coat \$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/30 23:51
L51	81	clean\$4 SAME (oxygen OR oxidant OR oxidiz\$4 OR "O.sub.2") near4 radical SAME ((hydrogen OR "h.sub.2") near4 radical) AND ((fluorocarbon OR fluoro? carbon OR (fluorine near4 carbon) OR carbon OR carbonaceous) adj5 (film OR layer OR coat \$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/31 00:10

EAST Search History (I nterference)

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